Literature Cited: Proposed Critical Habitat for Southwestern Willow Flycatcher

July 2011, Docket No. R2-ES-2011-0053

- Animal and Plant Health Inspection Services (APHIS). 2010. Memo to PPQ State Plant Health Directors from Alan Dowdy, Director of Invertebrate and Biological Control Programs announcing moratorium for biological control of salt cedar using tamarisk leaf beetle. Animal Plant Health Inspection Services, U.S. Department of Agriculture, Plant Protection and Quarantine, Emergency and Domestic Programs, Riverdale, MD.
- Arizona Department of Water Resources. 1994. Arizona riparian protection program legislature report. Arizona Department of Water Resources, Phoenix, AZ.
- Beal, F.E.L. 1912. Food of our more important flycatchers. U.S. Bureau of Biological Survey, Bulletin 4. Washington, D.C. 67 pp.
- Bent, A.C. 1960. Life histories of North American flycatchers, larks, swallows and their allies. Dover Press, New York, NY.
- Browning, M.R. 1993. Comments on the taxonomy of *Empidonax traillii* (willow flycatcher). Western Birds 24:241-257.
- DeLay, L., D.M. Finch, S. Brantley, R. Fagerlund, M.D. Means, and J.F. Kelley. 1999. Arthropods in native and exotic vegetation and their association with willow flycatchers and Wilson's warblers. Pages 216-221 in Finch, D.M., J.C. Whitney, J.F. Kelley and S.R. Loftin (eds). Rio Grande ecosystems: linking land, water, and people. USDA Forest Service Rocky Mountain Research Station Proceedings RMRS-P-7.
- Drost, C.A., M.K. Sogge, and E. Paxton. 1998. Preliminary diet study of the endangered southwestern willow flycatcher. U.S. Geological Survey Colorado Plateau Field Station, Flagstaff, AZ.
- Drost, C.A., E.H. Paxton, M.K. Sogge, and M.J. Whitfield. 2003. Food habits of southwestern willow flycatchers during the nesting season in M.K. Sogge, B.E. Kus, S.J. Sferra and M.J. Whitfield (eds). Ecology and Conservation of the Willow Flycatcher. Cooper Ornithological Society, Studies in Avian Biology, No. 26.
- Durst, S.L., M.K. Sogge, H.C. English, H.A. Walker, B.E. Kus, and S.J. Sferra. 2008. Southwestern willow flycatcher breeding site and territory summary 2007. U.S. Geological Survey, Colorado Plateau Research Station, Flagstaff, AZ.
- Ellis, L.A., D.M. Weddle, S.D. Stump, H.C. English and A.E. Graber. 2008. Southwestern willow flycatcher final survey and monitoring report: Arizona Game and Fish Department, Research Technical Guidance Bulletin #10. Phoenix, AZ.

- Finch, D.M., J.F. Kelly, and J-L.E. Cartron. 2000. Migration and winter ecology. Chapter 7 in Status, Ecology, and Conservation of the Southwestern Willow Flycatcher. D.M. Finch and S.H. Stoleson (eds). U.S. Forest Service Gen Tech. Rep. RMRS-GTR-60. 131 pp.
- Glenn, E.P. and P.L. Nagler. 2005. Comparative ecophysiology of *Tamarix ramossisima* and native trees in western U.S. riparian zones. Journal of Arid Environments 61:419-446.
- Hatten, J.R. and C.E. Paradzick. 2003. A multiscaled model of southwestern willow flycatcher breeding habitat. Journal of Wildlife Management 67:774-788.
- Hoerling, M. and J. Eischeid. 2007. Past peak water in the southwest. Southwest Hydrology 6(1):18-19, 25.
- Hubbard, J.P. 1987. The status of the willow flycatcher in New Mexico. Endangered Species Program, New Mexico Department of Game and Fish, Santa Fe, NM. 29 pp.
- Howell, S.N.G. and S. Webb. 1995. A guide to the birds of Mexico and northern Central America. Oxford University Press.
- Imhof, T.A. 1962. Alabama birds. University of Alabama Press, Tuscaloosa, AL.
- Intergovernmental Panel on Climate Change (IPCC). 2007a. Climate Change 2007: Synthesis Report. Contribution of Working Groups I, II and III to the Fourth Assessment Report. Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA. 48 pp.
- Intergovernmental Panel on Climate Change (IPCC). 2007b. Summary for Policy Makers. Pages 1-18 in Climate Change 2007: The Physical Science Basis. Contribution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change. Solomon, S.,D. Qin, M. Manning, Z. Chen, M. Marquis, K.B. Averyt, M. Tignor and H.L. Miller (eds.). Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA. 996 pp.
- Johnson, M.J. and C. O'Brien. 1998. Southwestern willow flycatcher and yellow-billed cuckoo surveys along the San Juan River, Utah (Four Corners Bridge Mexican Hat): 1998. Final Report to the Utah Division of Wildlife Resources (Contract # 976475). Colorado Plateau Field Station, Northern Arizona University report. 45 pp.
- Kenwood, K.E. and E.H. Paxton. 2001. Survivorship and movements of southwestern willow flycatchers at Roosevelt Lake, Arizona 2001. U.S. Geological Survey Report to the U.S. Bureau of Reclamation, Phoenix, AZ.
- Koronkiewicz, T., M.K. Sogge, and C.A. Drost. 1998. A preliminary survey for wintering willow flycatchers in Costa Rica. U.S. Geological Survey Forest and Rangelend Ecosystem Science Center, Colorado Plateau Field Station, Northern Arizona University, Flagstaff, AZ.

- Koronkiewicz, T.J., M.A. McLeod, B.T. Brown, and S.W. Carothers. 2004. Southwestern willow flycatcher surveys, demography, and ecology along the lower Colorado River and tributaries, 2003. Annual Report submitted to the U.S. Bureau of Reclamation, Boulder City, NV, by SWCA Environmental Consultants, Flagstaff, AZ. 124 pp.
- Koronkiewicz, T.J., M.A. McLeod, B.T. Brown and S.W. Carothers. 2006. Southwestern willow flycatcher surveys, demography, and ecology along the lower Colorado River and tributaries, 2005. Annual report submitted to U.S. Bureau of Reclamation, Boulder City, NV, by SWCA Environmental Consultants, Flagstaff, AZ. 176 pp.
- Lichivar, R.W. and J.S. Wakely. 2004. Review of ordinary high water make indicators for delineating arid streams in the southwestern United States. Army Corps of Engineers, Engineer Research and Development Center Technical Report 04-1.
- Meehl, G.A., T.F. Stocker, W.D. Collins, P. Friedlingstein, A.T. Gaye, J.M. Gregory, A. Kitoh, R. Knutti, J.M. Murphy, A. Noda, S.C.B. Raper, I.G. Watterson, A.J. Weaver and Z.C. Zhao. 2007. Global Climate Projections. Pages 747-845 in: Climate Change 2007: The Physical Science Basis. Contribution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change. Solomon, S., D. Qin, M. Manning, Z. Chen, M. Marquis, K.B. Averyt, M. Tignor and H.L. Miller (eds.). Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA. 996 pp.
- McCabe, R.A. 1991. The little green bird: ecology of the willow flycatcher. Palmer publications, Inc., Amherst, WI. 171 pp.
- McKernan, R.L. 1997. Status, distribution, and habitat affinities of the southwestern willow flycatcher along the lower Colorado River: Year 1 1996. U.S. Bureau of Reclamation Report. 55 pp.
- McKernan, R.L. and G. Braden. 1999. Status, distribution, and habitat affinities of the southwestern willow flycatcher along the lower Colorado River: Year 3 1998. Report to U.S. Bureau of Reclamation, U.S. Fish and Wildlife Service, and U.S. Bureau of Land Management. San Bernardino County Museum. 71 pp.
- McLeod, M.A., T.J. Koronkiewicz, B.T. Brown, and S.W. Carothers. 2005. Southwestern willow flycatcher surveys, demography, and ecology along the lower Colorado River and tributaries, 2004. Annual report submitted to U.S. Bureau of Reclamation, Boulder City, NV, by SWCA Environmental Consultants, Flagstaff, AZ. 155 pp.
- McLeod, M.A., T.J. Koronkiewicz, B.T. Brown, W.J. Langeberg, and S.W. Carothers. 2008. Southwestern willow flycatcher surveys, demography, and ecology along the lower Colorado River and tributaries, 2003–2007. Five-year summary report submitted to U.S. Bureau of Reclamation, Boulder City, NV, by SWCA Environmental Consultants, Flagstaff, AZ. 206 pp.

- Moore, D. and D. Ahlers. 2010. 2010 Southwestern willow flycatcher study results: selected sites along the Rio Grande from Velarde to Elephant Butte Reservoir, New Mexico, U.S. Bureau of Reclamation, Fisheries and Wildlife Resources, Denver, CO.
- Munzer, O.M., H.C. English, A.P. Smith and A.A. Tudor. 2005. Southwestern willow flycatcher 2004 survey and nest monitoring report. Nongame and Endangered Wildlife Program Technical Report 244. Arizona Game and Fish Department, Phoenix, AZ.
- Paradzick, C.E., R.F. Davidson, J.W. Rourke, M.W. Sumner, and T.D. McCarthey. 1999. Southwestern willow flycatcher 1998 survey and nest monitoring report. Technical Report 141. Arizona Game and Fish Department, Phoenix, AZ.
- Paxton, E.H. 2000. Molecular genetic structuring and demographic history of the willow flycatcher. MS thesis, Northern Arizona University, Flagstaff, AZ. 43 pp.
- Paxton, E.H., M.K. Sogge, S.L. Durst, T.C. Theimer, and J.R. Hatten. 2007a. The ecology of the southwestern willow flycatcher in central Arizona—a 10-year synthesis report. U.S. Geological Survey Open-File Report 2007-1381, 143 pp.
- Paxton, E.H., M.K. Sogge, T.C. Theimer, J. Girard, and P. Keim. 2007b. Using molecular genetic markers to resolve a subspecies boundary: the northern boundary of the southwestern willow flycatcher in the four corner states. U.S. Geological Survey Open-File Report 2007–117. 20 pp.
- Paxton, E., K. Day, T. Olson, P. Wheeler, M. MacLeod, T. Koronkiewicz and S. O'Meara. 2010. Tamarisk biocontrol impacts occupied breeding habitat of the endangered southwestern willow flycatcher. Poster presentation at Tamarisk Coalition annual conference. Reno, NV.
- Poff, L., J.D. Allan, M.B. Bain, J.R. Karr, K.L. Prestegaard, B.D. Richter, R.E. Sparks and, J.C. Stromberg. 1997. The natural flow regime: a paradigm for river conservation and restoration. BioScience 47(11):769-784.
- Prescott, D.R.C. and A.L.A. Middleton. 1988. Feeding-time minimization and the territorial behavior of the willow flycatcher (*Empidonax traillii*). Auk 105:17-28.
- Prinn, R., S. Paltsev, A. Sokolov, M. Sarofim, J. Reilly, and H. Jacoby. 2011. Scenarios with MIT integrated global systems model: significant global warming regardless of different approaches. Climatic Change 104:515-537.
- Randall, D.A., R.A. Wood, S. Bony, R. Colman, T. Fichefet, J. Fyfe, V. Kattsov, A. Pitman, J. Shukla, J. Srinivasan, R.J. Stouffer, A. Sumi, and K.E. Taylor. 2007. Climate Models and Their Evaluation. Pages 589-662 in: Climate Change 2007: The Physical Science Basis. Contribution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change. Solomon, S., D. Qin, M. Manning, Z. Chen,

- M. Marquis, K.B. Averyt, M.Tignor and H.L. Miller (eds.). Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA. 996 pp.
- Ridgely, R.S. and J. Gwynne. 1989. A guide to the birds of Panama with Costa Rica, Nicaragua, and Honduras. Princeton Press, Princeton, NJ.
- Roberts, T.S. 1932. The birds of Minnesota. University of Minnesota Press, Minneapolis, MN.
- Seager R., M. Ting, I. Held, Y. Kushnir, J. Lu, G. Vecchi, H. Huang, N. Harnik, A. Leetmaa, N.Lau, C. Li, J. Velez, and N. Naik. 2007. Model projections of an imminent transition to a more arid climate in southwestern North America. Science 316: 1181-1184.
- Sedgwick, J.A. 2004. Site fidelity, territory fidelity, and natal philopatry in willow flycatchers (*Empidonax traillii*). Auk 121:1103-1121.
- Shafroth, P.B., C.A. Brown, and D.M. Merritt (eds.). 2010. Saltcedar and Russian olive control demonstration act science assessment: U.S. Geological Survey Scientific Investigations Report 2009–5247. 143 pp.
- Smith, A.B., A.A. Woodward, P.E.T. Dockens, J.S. Martin, and T. D. McCarthey. 2003. Southwestern willow flycatcher 2002 survey and nest monitoring report. Nongame and Endangered Wildlife Program Technical Report #210. Arizona Game and Fish Department, Phoenix, AZ.
- Sogge, M.K. and T.J. Tibbitts. 1994. Distribution and status of the southwestern willow flycatcher along the Colorado River in the Grand Canyon 1994. Summary Report. National Biological Service Colorado Plateau Research Station, Northern Arizona University and U.S. Fish and Wildlife Service. 37 pp.
- Sogge, M.K. and R.M. Marshall. 2000. A survey of current breeding habitats. Chapter 5 in D. Finch and S. Stoleson (eds.) Status, ecology, and conservation of the southwestern willow flycatcher. U.S. Forest Service, Rocky Mountain Research Station, Albuquerque, NM.
- Sogge, M.K. and S.L. Durst. 2008. Southwestern willow flycatcher rangewide abundance, distribution, and site characteristic database 2007. U.S. Geological Survey Southwest Biological Science Center, Colorado Plateau Field Station, Flagstaff, AZ.
- Sogge, M.K., R.M. Marshall, S.J. Sferra and T.J. Tibbitts. 1997. A southwestern willow flycatcher natural history summary and survey protocol. National Park Service Technical Report NPS/NAUCPRS/NRTR-97/12. 37 pp.
- Sogge, M.K., P. Dockens, S.O. Williams, B.E. Kus, and S.J. Sferra. 2003. Southwestern willow flycatcher breeding site and territory summary 2002. U.S. Geological Survey Southwest Biological Science Center, Colorado Plateau Field Station at Northern Arizona University, Flagstaff, AZ.

- Sogge, M.K., D. Ahlers, and S.J. Sferra. 2010. A natural history summary and survey protocol for the southwestern willow flycatcher. U.S. Geological Survey Techniques and Methods 2A-10.
- Solomon, S., D. Qin, M. Manning, Z. Chen, M. Marquis, K.B. Averyt, M. Tignor, and H.L. Miller (eds). 2007. Glossary in Climate Change 2007: The Physical Science Basis. Contribution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change. Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA. 996 pp.
- Stiles, F.G. and A.F. Skutch. 1989. A guide to the birds of Costa Rica. Cornell University Press, Ithaca, NY.
- Tibbitts, T.J., M.K. Sogge, and S.J. Sferra. 1994. A survey protocol for the southwestern willow flycatcher. Technical Report NPS/NAUCPRS/NRTR-94/04. National Park Service.
- Tracy, J.L., M. Diluzio, and C. J. DeLoach. 2008. Ecoclimatic modeling of five species of tamarisk beetles (*Diorhabda elongata*) using a novel stacked environmental envelope model. USDA, ARS Grassland, Soil and Water Research Laboratory, Temple, TX.
- Unitt, P. 1987. *Empidonax traillii extimus*: An endangered subspecies. Western Birds 18:137-162.
- Unitt, P. 1997. Winter range of *Empidonax traillii extimus* as documented by existing museum collections. Report to U.S. Bureau of Reclamation, Phoenix, AZ.
- Unitt, P. 1999. Winter Range and discriminant function analysis of the willow flycatcher. Final report submitted to the Bureau of Reclamation, Phoenix Area Office (Federal Grant No. 98-FG-32-0200), Phoenix, AZ.
- U.S. Department of the Navy, Naval Weapons Station Seal Beach Detachmen Fallbrook (Navy). 2006. Integrated Natural Resources Management Plan. Prepared by Tierra Data Inc. under GSA contract #9T1S522DB. 731 pp.
- U.S. Marine Corps (USMC). 2006. Integrated Natural Resources Management Plan for Marine Corps Air Station Camp Pendleton, California. 226 pp.
- U.S. Marine Corps (USMC). 2007. Integrated Natural Resources Management Plan for Marine Corps Base Camp Pendleton, California. 700 pp.
- U.S. Fish and Wildlife Service (Service). 1998. Concurrence from Assistant Director Ecological Services to Dr. Carl Bausch, USDA Animal and Plant Health Inspection Service, for the effects of release of tamarisk biological control agents (leaf beetles) on the endangered southwestern willow flycatcher, December 28, 1998, U.S. Fish and Wildlife Service, Washington, D.C.

- U.S. Fish and Wildlife Service (Service). 1999. Amendment to December 1998 concurrence from Assistant Director Ecological Services to Dr. Carl Bausch, USDA Animal and Plant Health Inspection Service, for the effects of release of tamarisk biological control agents (leaf beetles) on the endangered southwestern willow flycatcher, U.S. Fish and Wildlife Service, Washington, D.C.
- U.S. Fish and Wildlife Service (Service). 2002. Southwestern willow flycatcher recovery plan. Region 2, Albuquerque, NM.
- U.S. Fish and Wildlife Service (Service). 1995. Programmatic activities and conservation plans in riparian and estuarine/beach ecosystems on Marine Corps Base, Camp Pendleton. Biological Opinion (1-6-95-F-02). 268 pp.
- Whitfield, M.J. 2002. Southwestern willow flycatcher monitoring and removal of brown-headed cowbirds on the South Fork Kern River, California, in 2001. U.S. Army Corps of Engineers, Sacramento District, Environmental Resources Branch.
- Whitfield, M.J. and K.M. Enos. 1996. A brown-headed cowbird control program and monitoring for the southwestern willow flycatcher, South Fork Kern River, California, 1996. California Department of Fish and Game, Sacramento. Final report for contract FG4100WM-1.
- Yong, W. and D.M. Finch. 1997. Migration of the willow flycatcher along the middle Rio Grande. Wilson Bulletin 109:253-268.